

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-13 (canceled).

Claim 14 (currently amended): The[[A]] compressor as recited in claim 25 wherein,
comprising:

~~—— a safety device for limiting high pressure within a chamber of the compressor,~~
~~comprising a rupture disk and a pressure relief valve,~~ the rupture disk and the pressure relief valve forming a region there-between, the rupture disk having a first side connected to the compressor chamber and a second side connected to the region, the rupture disk hermetically sealing the chamber from the region until a pressure of the compressor chamber exceeds a predetermined level, the pressure relief valve having the defined~~a predetermined~~ leakage of atmospheric pressure into the region while the pressure of the compressor chamber is below the predetermined level and configured to allow a slow release of the system pressure after the pressure of the compressor chamber exceeds the predetermined level.

Claim 15 (canceled).

Claim 16 (previously presented): The compressor as recited in claim 14, wherein the rupture disk and the pressure relief valve are arranged in series.

Claim 17 (previously presented): The compressor as recited in claim 16, wherein the compressor chamber is an exhaust chamber, and wherein the rupture disk is pressurized on one side with high pressure from the exhaust chamber and on the other side with the atmospheric pressure.

Claim 18 (previously presented): The compressor as recited in claim 16, wherein the pressure relief valve is configured downstream of the rupture disk from a high pressure side.

Claim 19 (previously presented): The compressor as recited in claim 14, wherein the pressure relief valve is configured to open at a lower opening pressure than a bursting pressure of the rupture disk.

Claim 20 (previously presented): The compressor as recited in claim 14, wherein the pressure relief valve is configured to vent a refrigerant of the compressor to the atmosphere.

Claim 21 (canceled).

Claim 22 (currently amended): The compressor as recited in claim 14, wherein the ~~predetermined~~ defined leakage is sufficient to prevent a pressure build up in the region when the rupture disk is intact.

Claims 23 and 24 (canceled):

Claim 25 (previously presented): A compressor, comprising:

a safety device for limiting high pressure, wherein the safety device is hermetically sealed until a first response, and wherein the safety device allows a slow release of system pressure after the first response,

wherein a pressure relief valve has a defined leakage and wherein a rupture disk is hermetically sealed, the pressure relief valve comprising a valve seat, a valve piston, and further an elastomer seal that is permeable to a refrigerant at one of the valve seat and the valve piston, the elastomer seal configured to realize the defined leakage.

Claim 26 (currently amended): The compressor as recited in claim 14, wherein the pressure relief valve is configured to slowly release a residual refrigerant of the compressor through the [[a pre]]defined leakage in response to the pressure in the air-conditioning system dropping below a set pressure.

Claims 27 to 34 (canceled).